

**MIG / TIG G2Mo**



MIG/TIG G2Mo is a low-alloy solid wire, with 0.5% Mo, designed for welding low-alloy steels such as type ASTM A335 Grade P1 and similar. Suitable for pipelines and pressure vessels with operating temperatures of approximately 500° C.

**SPECIFICATIONS**

DIN	8575	SG Mo
EN	440	G2Mo

**CHEMICAL ANALYSIS**

% Carbon	0.090	% Sulphur	0.010
% Manganese	1.200	% Molybdenum	0.500
% Silicon	0.600	% Copper	0.120
% Phosphorous	0.010		

**TYPICAL MECHANICAL PROPERTIES  
ALL WELD METAL**

	<b>MIG</b>	<b>TIG</b>
Tensile Strength	620 MPa	630 MPa
Yield Strength	500 MPa	520 MPa
Elongation on 5d	25%	26%
Charpy V-Notch at 20°C	150J	200J
Charpy V-Notch at 0°C	130J	-
Charpy V-Notch at -20°C	90J	80J

**PACKING DATA**

**MIG (DC+)**

Diameter (mm)	Current (A)		Item Number	Pack Mass (Kg)
	Amps	Volts		
1.00	230	25	033-187	15
1.20	280	26	033-186	15

**TIG (DC-)**

Diameter (mm)	Current (A)		Item Number	Pack Mass (Kg)
	Amps	Volts		
1.60	100	12	030-533	5
2.00	100	12	030-534	5
2.40	100	12	030-535	5

Suggested Gas for welding: Argoshield 5 (MIG) Argon (TIG)

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